

ABSTRACT OF THE DISCLOSURE

An imaging camera apparatus (20) for capturing images electronically and providing output data for four separate color channels, red, green, blue, and a fourth saturated primary color, expanding the color gamut over
5 conventional three color channel cameras. An image acquisition unit (120) directs input light to one, two, or four photosensors (30) for obtaining four-color image data.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20